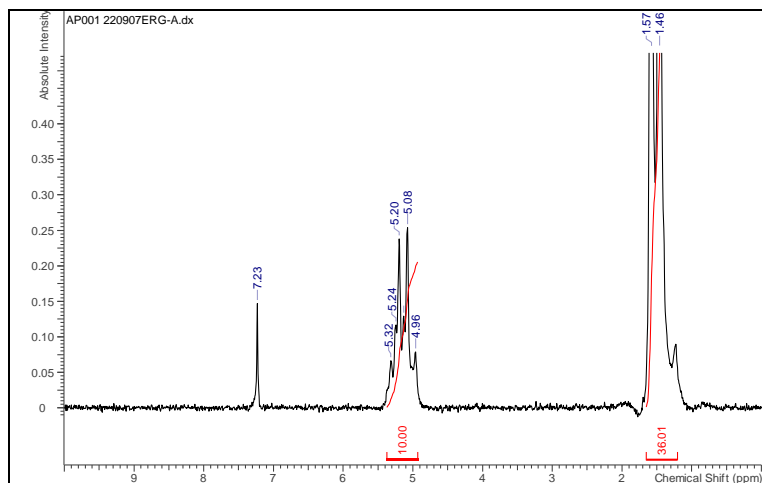


# No. AP001

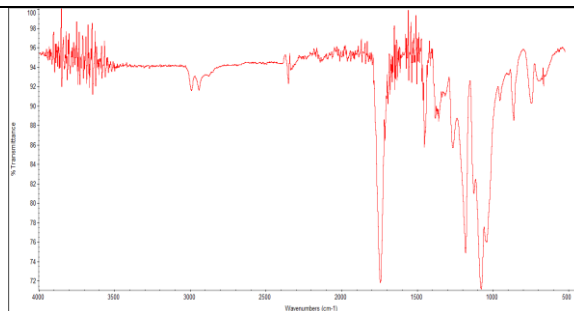
# Certificate of Analysis



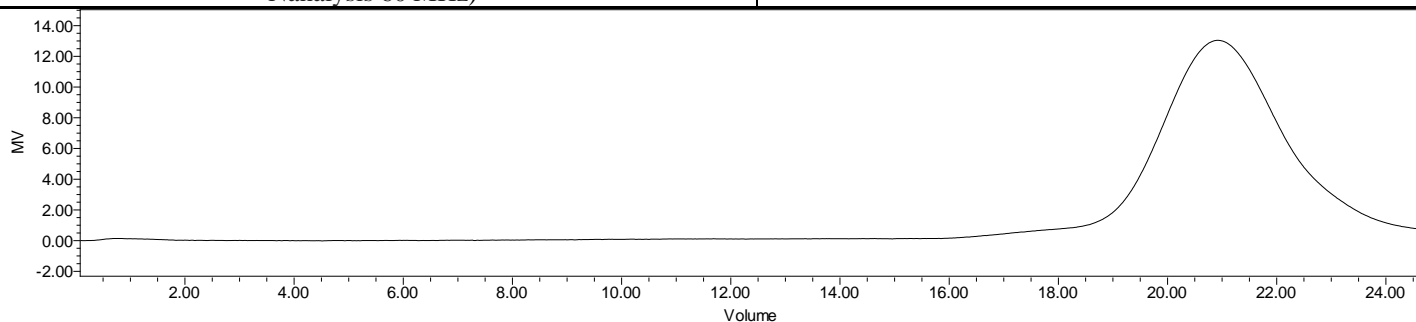
Product Name: Poly(DL-lactic acid) ester endcapped (Mn: 10,000-15,000 Da)  
(Lot#: 220907ERG-A)



H-NMR Spectrum of copolymers in CDCl<sub>3</sub> (NMReady-60e, Nanalysis 60 MHz)



FTIR Analysis: Collected from Nicolet Avatar 380 spectrometer with ATR Smart Orbit and analyzed in transmission mode.



GPC-ES Analysis Method: Waters Breeze 2 system with 1 ml/min THF flow across three GPC columns. Detection via refractive index, calibrated against polystyrene standards.

Polymer	M <sub>n</sub> (from GPC)	M <sub>w</sub> (from GPC)	PDI
PDLLA	10,524	15,396	1.46

## • Structure of PDLLA copolymers

